

Author index

Volume 52 (1995)

Adler, P.N., see Turner, C.M. 52, 247

Argao, E.A., M.J. Kern, W.W. Branford, W.J. Scott, Jr., S.S. Potter, Malformations of the heart, kidney, palate, and skeleton in α -MHC-*Hoxb-7* transgenic mice 52, 291

Arnold, H.-H., see Rinkwitz-Brandt, S. 52, 371

Bailey, D., see Stassen, M.J. 52, 209

Blake, K.J., B. Rogina, A. Centurion, S.L. Helfand, Changes in gene expression during post-eclosional development in the olfactory system of *Drosophila melanogaster* 52, 179

Bober, E., see Rinkwitz-Brandt, S. 52, 371

Branford, W.W., see Argao, E.A. 52, 291

Breen, T.R., V. Chinwalla, P.J. Harte, *Trithorax* is required to maintain *engrailed* expression in a subset of *engrailed*-expressing cells 52, 89

Breitman, M., see Ellis, J. 52, 319

Brouwer, A., see Leussink, B. 52, 51

Brown, A.M.C., see Ferrari, D. 52, 257

Candia, A.F., C.V.E. Wright, The expression pattern of *Xenopus Mox-2* implies a role in initial mesodermal differentiation 52, 27

Centurion, A., see Blake, K.J. 52, 179

Cheng, A.K., E.J. Robertson, The murine LIM-kinase gene (*limk*) encodes a novel serine threonine kinase expressed predominantly in trophoblast giant cells and the developing nervous system 52, 187

Chinwalla, V., see Breen, T.R. 52, 89

Chinwalla, V., see Stassen, M.J. 52, 209

Clement, J.H., P. Fettes, S. Knöchel, J. Lef, W. Knöchel, Bone morphogenetic protein 2 in the early development of *Xenopus laevis* 52, 357

Conway, G., A novel gene expressed during zebrafish gastrulation identified by differential RNA display 52, 383

Copeland, N.G., see Ellis, J. 52, 319

Dewulf, N., see Verschueren, K. 52, 109

Dura, J.-M., see Fauvarque, M.-O. 52, 343

El Khattabi, M., see Leussink, B. 52, 51

Ellis, J., Q. Liu, M. Breitman, N.A. Jenkins, D.J. Gilbert, N.G. Copeland, H.V. Tempest, S. Warren, E. Muir, H. Schilling, F.A. Fletcher, S.F. Ziegler, J.H. Rogers, Embryo brain kinase: a novel gene of the *eph/elk* receptor tyrosine kinase family 52, 319

Ernsberger, U., H. Patzke, J.P. Tissier-Seta, T. Reh, C. Goridis, H. Rohrer, The expression of tyrosine hydroxylase and the transcription factors cPhox-2 and Cash-1: evidence for distinct inductive steps in the differentiation of chick sympathetic precursor cells 52, 125

Etkin, L.D., see Gong, S.-G. 52, 305

Fauvarque, M.-O., V. Zuber, J.-M. Dura, Regulation of *polyhomeotic* transcription may involve local changes in chromatin activity in *Drosophila* 52, 343

Feijen, A., see Verschueren, K. 52, 109

Ferrari, D., L. Sumoy, J. Gannon, H. Sun, A.M.C. Brown, W.B. Upholt, R.A. Kosher, The expression pattern of the *Distal-less* homeobox-containing gene *Dlx-5* in the developing chick limb bud suggests its involvement in apical ectodermal ridge activity, pattern formation, and cartilage differentiation 52, 257

Fettes, P., see Clement, J.H. 52, 357

Fjose, A., U. Weber, M. Mlodzik, A novel vertebrate *svp*-related nuclear receptor is expressed as a step gradient in developing rhombomeres and is affected by retinoic acid 52, 233

Fletcher, F.A., see Ellis, J. 52, 319

Fridmacher, V., M. Le Bert, F. Guillou, S. Magre, Switch in the expression of the K19/K18 keratin genes as a very early evidence of testicular differentiation in the rat 52, 199

Gannon, J., see Ferrari, D. 52, 257

Gatherer, D., see Richardson, J.C. 52, 165

Gilbert, D.J., see Ellis, J. 52, 319

Gittenberger-de Groot, A.C., see Leussink, B. 52, 51

Gong, S.-G., B.A. Reddy, L.D. Etkin, Two forms of *Xenopus* nuclear factor 7 have overlapping spatial but different temporal patterns of expression during development 52, 305

Goridis, C., see Ernsberger, U. 52, 125

Goumans, M.-J., see Verschueren, K. 52, 109

Grimsby, S., see Verschueren, K. 52, 109

Guillou, F., see Fridmacher, V. 52, 199

Harte, P.J., see Breen, T.R. 52, 89

Harte, P.J., see Sathe, S.S. 52, 77

Harte, P.J., see Sathe, S.S. 52, 225

Harte, P.J., see Stassen, M.J. 52, 209

Heino, T.I., see Tirronen, M. 52, 65

Heldin, C.-H., see Verschueren, K. 52, 109

Helfand, S.L., see Blake, K.J. 52, 179

Hollyday, M., J.A. McMahon, A.P. McMahon, *Wnt* expression patterns in chick embryo nervous system 52, 9

Holmgren, R., see Motzny, C.K. 52, 137

Huylebroeck, D., see Verschueren, K. 52, 109

Jenkins, N.A., see Ellis, J. 52, 319

Justus, M., see Rinkwitz-Brandt, S. 52, 371

Kelly, G.M., see Holmgren, R. 52, 153

Kern, M.J., see Argao, E.A. 52, 291

Knöchel, S., see Clement, J.H. 52, 357

Knöchel, W., see Clement, J.H. 52, 357

Kosher, R.A., see Ferrari, D. 52, 257

Lahti, V.-P., see Tirronen, M. 52, 65

Le Bert, M., see Fridmacher, V. 52, 199

Lef, J., see Clement, J.H. 52, 357

Leussink, B., A. Brouwer, M. El Khattabi, R.E. Poelmann, A.C. Gittenberger-de Groot, F. Meijlink, Expression patterns of the paired-related homeobox genes *MHox/Prx1* and *S8/Prx2* suggest roles in development of the heart and the forebrain **52**, 51

Liu, Q., see Ellis, J. **52**, 319

Lonnoy, O., see Verschueren, K. **52**, 109

Magre, S., see Fridmacher, V. **52**, 199

McMahon, A.P., see Hollyday, M. **52**, 9

McMahon, A.P., see Rowitch, D.H. **52**, 3

McMahon, J.A., see Hollyday, M. **52**, 9

Meijlink, F., see Leussink, B. **52**, 51

Miyazono, K., see Verschueren, K. **52**, 109

Mlodzik, M., see Fjose, A. **52**, 233

Moon, R.T., see Holmgren, R. **52**, 153

Morén, A., see Verschueren, K. **52**, 109

Motzny, C.K., R. Holmgren, The *Drosophila* cubitus interruptus protein and its role in the *wingless* and *hedgehog* signal transduction pathways **52**, 137

Muir, E., see Ellis, J. **52**, 319

Mummery, C., see Verschueren, K. **52**, 109

Murre, C., see van Dijk, M.A. **52**, 99

Muster, L., see Nichols, A. **52**, 37

Nelson, S., see Stassen, M.J. **52**, 209

Nichols, A., E. Rungger-Brändle, L. Muster, D. Rungger, Inhibition of *Xhox1A* gene expression in *Xenopus* embryos by antisense RNA produced from an expression vector read by RNA polymerase III **52**, 37

Oldenettel, I., see Rinkwitz-Brandt, S. **52**, 371

Patzke, H., see Ernsberger, U. **52**, 125

Peltenburg, L.T.C., see van Dijk, M.A. **52**, 99

Poelmann, R.E., see Leussink, B. **52**, 51

Potter, S.S., see Argao, E.A. **52**, 291

Reddy, B.A., see Gong, S.-G. **52**, 305

Reh, T., see Ernsberger, U. **52**, 125

Reichman-Fried, M., B.-Z. Shilo, Breathless, a *Drosophila* FGF receptor homolog, is required for the onset of tracheal cell migration and tracheole formation **52**, 265

Richardson, J.C., D. Gatherer, H.R. Woodland, Developmental effects of over-expression of normal and mutated forms of a *Xenopus* NF- κ B homologue **52**, 165

Rinkwitz-Brandt, S., M. Justus, I. Oldenettel, H.-H. Arnold, E. Bober, Distinct temporal expression of mouse *Nkx-5.1* and *Nkx-5.2* homeobox genes during brain and ear development **52**, 371

Robertson, E.J. see Cheng, A.K. **52**, 187

Rogers, J.H., see Ellis, J. **52**, 319

Rogina, B., see Blake, K.J. **52**, 179

Rohrer, H., see Ernsberger, U. **52**, 125

Roos, C., see Tirronen, M. **52**, 65

Rowitch, D.H., A.P. McMahon, *Pax-2* expression in the murine neural plate precedes and encompasses the expression domains of *Wnt-1* and *En-1* **52**, 3

Rungger, D., see Nichols, A. **52**, 37

Rungger-Brändle, E., see Nichols, A. **52**, 37

Sassoon, D., see Wang, Y.-Q. **52**, 275

Sathe, S.S., P.J. Harte, The *Drosophila extra sex combs* protein contains WD motifs essential for its function as a repressor of homeotic genes **52**, 77

Sathe, S.S., P.J. Harte, The *extra sex combs* protein is highly conserved between *Drosophila virilis* and *Drosophila melanogaster* **52**, 225

Schilling, H., see Ellis, J. **52**, 319

Scott, Jr., W.J., see Argao, E.A. **52**, 291

Shilo, B.-Z., see Reichman-Fried, M. **52**, 265

Sizeland, A., see Wang, Y.-Q. **52**, 275

Stassen, M.J., D. Bailey, S. Nelson, V. Chinwalla, P.J. Harte, The *Drosophila trithorax* proteins contain a novel variant of the nuclear receptor type DNA binding domain and an ancient conserved motif found in other chromosomal proteins **52**, 209

Sumoy, L., see Ferrari, D. **52**, 257

Sun, H., see Ferrari, D. **52**, 257

Tempest, H.V., see Ellis, J. **52**, 319

ten Dijke, P., see Verschueren, K. **52**, 109

Tirronen, M., V.-P. Lahti, T.I. Heino, C. Roos, Two *otu* transcripts are selectively localised in *Drosophila* oogenesis by a mechanism that requires a function of the *otu* protein **52**, 65

Tissier-Seta, J.P., see Ernsberger, U. **52**, 125

Turner, C.M., P.N. Adler, Morphogenesis of *Drosophila* pupal wings in vitro **52**, 247

Ungar, A.R., G.M. Kelly, R.T. Moon, *Wnt4* affects morphogenesis when misexpressed in the zebrafish embryo **52**, 153

Upholt, W.B., see Ferrari, D. **52**, 257

Van Den Eijnden-Van Raaij, J., see Verschueren, K. **52**, 109

van Dijk, M.A., L.T.C. Peltenburg, C. Murre, Hox gene products modulate the DNA binding activity of Pbx1 and Pbx2 **52**, 99

Vande Spiegle, K., see Verschueren, K. **52**, 109

Vanschaeuwijck, P., see Verschueren, K. **52**, 109

Verschueren, K., N. Dewulf, M.-J. Goumans, O. Lonnoy, A. Feijen, S. Grimsby, K. Vande Spiegle, P. ten Dijke, A. Morén, P. Vanschaeuwijck, C.-H. Heldin, K. Miyazono, C. Mummery, J. Van Den Eijnden-Van Raaij, D. Huylebroeck, Expression of type I and type IB receptors for activin in midgestation mouse embryos suggests distinct functions in organogenesis **52**, 109

Wang, X.-F., see Wang, Y.-Q. **52**, 275

Wang, Y.-Q., A. Sizeland, X.-F. Wang, D. Sassoon, Restricted expression of type-II TGF β receptor in murine embryonic development suggests a central role in tissue modeling and CNS patterning **52**, 275

Warren, S., see Ellis, J. **52**, 319

Weber, U., see Fjose, A. **52**, 233

Woodland, H.R. see Richardson, J.C. **52**, 165

Wright, C.V.E., see Candia, A.F. **52**, 27

Ziegler, S.F., see Ellis, J. **52**, 319

Zuber, V., see Fauvarque, M.-O. **52**, 343

Subject index

Volume 52 (1995)

Activin type I receptors; Mouse embryogenesis; In situ hybridization **52**, 109

Ancient conserved motif; *Trithorax*; Nuclear receptor DNA binding motif; Homeotic genes; Maintenance of expression **52**, 209

Antisense inhibition; *Xhox1A* gene; *Hox-2.6 (4B)*; Muscle differentiation; VAI expression vector **52**, 37

Apical ectodermal ridge (AER); *Distal-less (Dlx)*; *Dlx-5*; *Msx-2*; Homeobox-containing genes; Limb development; Pattern formation; Cartilage differentiation **52**, 257

ARP-1; COUP; Eye development; Hindbrain segmentation; Nuclear receptor; Rostral brain; Retinoic acid **52**, 233

Axis formation; *Xenopus*; NF- κ B; Dorsal **52**, 165

Bone morphogenetic protein 2; Mesoderm induction; *Xenopus laevis* **52**, 357

Branchial arches; Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Subcommissural organ; Rhombomeres; Lung; Heart **52**, 319

Cartilage differentiation; *Distal-less (Dlx)*; *Dlx-5*; *Msx-2*; Homeobox-containing genes; Limb development; Apical ectodermal ridge (AER); Pattern formation **52**, 257

Cash-1; Sympathetic neuron; Tyrosine hydroxylase; Phox-2; Development; Chick **52**, 125

Cell cycle; *Ovarian tumour*; Oogenesis; mRNA processing; Microtubule; Polytenisation; MAP2 **52**, 65

Cell migration; Receptor tyrosine kinase; FGF receptor; *Drosophila*; Trachea **52**, 265

Central nervous system development; Engrailed; Gene regulation; Pattern formation; Pax; Wnt **52**, 3

Chick embryo; Nervous system development; Wnt **52**, 9

Chick; Sympathetic neuron; Tyrosine hydroxylase; Phox-2; Cash-1; Development **52**, 125

Chitinase; *Drosophila*; Pupal wing; In vitro; Morphogenesis **52**, 247

CNS development; Serine/threonine protein kinase; LIM domain; Trophoblast giant cells **52**, 187

Connective tissue; Homeobox genes; Limb development; Heart valves; Diencephalon; Telencephalon **52**, 51

Cooperative DNA binding; Pbx proteins; Hox gene products; E2A/Pbx1; Engrailed **52**, 99

COUP; ARP-1; Eye development; Hindbrain segmentation; Nuclear receptor; Rostral brain; Retinoic acid **52**, 233

Cubitus interruptus; Segment polarity; Signal transduction **52**, 137

Cyclopia; Wnt4; Wnt5A; Morphogenesis; Zebrafish **52**, 153

Development; Sympathetic neuron; Tyrosine hydroxylase; Phox-2; Cash-1; Chick **52**, 125

Development; *Xenopus laevis*; Embryogenesis; Promoter-analysis; Transgenic *Xenopus*; Maternal factors **52**, 305

Diencephalon; Homeobox genes; Limb development; Heart valves; Connective tissue; Telencephalon **52**, 51

Differential RNA display; Zebrafish; Gastrulation; G12 Expression **52**, 383

Differentiation; Mesoderm; *Xenopus*; Mox; Induction **52**, 27

Distal-less (Dlx); *Dlx-5*; *Msx-2*; Homeobox-containing genes; Limb development; Apical ectodermal ridge (AER); Pattern formation; Cartilage differentiation **52**, 257

Dlx-5; **Distal-less (Dlx)**; *Msx-2*; Homeobox-containing genes; Limb development; Apical ectodermal ridge (AER); Pattern formation; Cartilage differentiation **52**, 257

Dorsal; *Xenopus*; NF- κ B; Axis formation **52**, 165

DREV; Homeosis; *Polycomb*; *trithorax*; Gap genes; Transvection **52**, 343

Drosophila development; Maintenance of expression; *Engrailed*; *Trithorax* **52**, 89

Drosophila virilis; *Extra sex combs*; Homeotic genes; WD motif; Repressor; *Polycomb* group **52**, 225

Drosophila; Maturation; Gene expression **52**, 179

Drosophila; Pupal wing; Chitinase; In vitro; Morphogenesis **52**, 247

Drosophila; Receptor tyrosine kinase; FGF receptor; Cell migration; Trachea **52**, 265

E2A/Pbx1; Pbx proteins; Hox gene products; Cooperative DNA binding; Engrailed **52**, 99

Ectopic expression; α -Myosin heavy chain; Homeobox gene; Kidney defect; Transgenic mouse; Ventricular septal defect **52**, 291

Embryogenesis; *Xenopus laevis*; Development; Promoter-analysis; Transgenic *Xenopus*; Maternal factors **52**, 305

Engrailed; Central nervous system development; Gene regulation; Pattern formation; Pax; Wnt **52**, 3

Engrailed; Maintenance of expression; *Drosophila* development; *Trithorax* **52**, 89

Engrailed; Pbx proteins; Hox gene products; Cooperative DNA binding; E2A/Pbx1 **52**, 99

Epithelial-mesenchymal interactions; Transforming growth factor β ; Transforming growth factor β type II receptor; Floor plate; Mouse embryogenesis; In situ hybridization. **52**, 275

Esc; Repressor; WD motif; Homeotic **52**, 77

Extra sex combs; Homeotic genes; WD motif; Repressor; *Polycomb* group; *Drosophila virilis* **52**, 225

Eye development; ARP-1; COUP; Hindbrain segmentation; Nuclear receptor; Rostral brain; Retinoic acid **52**, 233

FGF receptor; Receptor tyrosine kinase; *Drosophila*; Cell migration; Trachea **52**, 265

Floor plate; Transforming growth factor β ; Transforming growth factor β type II receptor; Epithelial-mesenchymal interactions; Mouse embryogenesis; In situ hybridization. **52**, 275

G12 Expression; Zebrafish; Gastrulation; Differential RNA display **52**, 383

Gap genes; Homeosis; *Polycomb*; *trithorax*; Transvection; DREV **52**, 343

Gastrulation; Zebrafish; G12 Expression; Differential RNA display **52**, 383

Gene expression; *Drosophila*; Maturation **52**, 179

Gene regulation; Central nervous system development; Engrailed; Pattern formation; Pax; Wnt **52**, 3

Gonadal differentiation; Keratins; In situ hybridization; Reverse transcriptase polymerase chain reaction; Rat K18 and K19 partial cDNA sequences **52**, 199

Heart valves; Homeobox genes; Limb development; Connective tissue; Diencephalon; Telencephalon **52**, 51

Heart; Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Subcommissural organ; Rhombomeres; Lung; Branchial arches **52**, 319

Hindbrain segmentation; ARP-1; COUP; Eye development; Nuclear receptor; Rostral brain; Retinoic acid **52**, 233

Hippocampus; Receptor tyrosine kinases; Neural development; Morphogenesis; Subcommissural organ; Rhombomeres; Lung; Heart; Branchial arches **52**, 319

Homeobox gene; α -Myosin heavy chain; Ectopic expression; Kidney defect; Transgenic mouse; Ventricular septal defect **52**, 291

Homeobox genes; Limb development; Heart valves; Connective tissue; Diencephalon; Telencephalon **52**, 51

Homeobox-containing genes; *Distal-less* (*Dlx*); *Dlx-5*; *Msx-2*; Limb development; Apical ectodermal ridge (AER); Pattern formation; Cartilage differentiation **52**, 257

Homeobox; *Nkx*-genes; Neural development; Inner ear **52**, 371

Homeosis; *Polycomb*; *trithorax*; Gap genes; Transvection; DREV **52**, 343

Homeotic genes; *Extra sex combs*; WD motif; Repressor; *Polycomb* group; *Drosophila virilis* **52**, 225

Homeotic genes; *Trithorax*; Nuclear receptor DNA binding motif; Maintenance of expression; Ancient conserved motif **52**, 209

Homeotic; *Esc*; Repressor; WD motif **52**, 77

Hox gene products; Pbx proteins; Cooperative DNA binding; E2A/Pbx1; Engrailed **52**, 99

Hox-2.6 (4B); Antisense inhibition; *Xhox1A* gene; Muscle differentiation; VAI expression vector **52**, 37

In situ hybridization; Activin type I receptors; Mouse embryogenesis **52**, 109

In situ hybridization; Gonadal differentiation; Keratins; Reverse transcriptase polymerase chain reaction; Rat K18 and K19 partial cDNA sequences **52**, 199

In situ hybridization; Transforming growth factor β ; Transforming growth factor β type II receptor; Epithelial-mesenchymal interactions; Floor plate; Mouse embryogenesis **52**, 275

In vitro; *Drosophila*; Pupal wing; Chitinase; Morphogenesis **52**, 247

Induction; Mesoderm; Differentiation; *Xenopus*; Mox **52**, 27

Inner ear; Homeobox; *Nkx*-genes; Neural development **52**, 371

Keratins; Gonadal differentiation; In situ hybridization; Reverse transcriptase polymerase chain reaction; Rat K18 and K19 partial cDNA sequences **52**, 199

Kidney defect; α -Myosin heavy chain; Ectopic expression; Homeobox gene; Transgenic mouse; Ventricular septal defect **52**, 291

LIM domain; Serine/threonine protein kinase; Trophoblast giant cells; CNS development **52**, 187

Limb development; *Distal-less* (*Dlx*); *Dlx-5*; *Msx-2*; Homeobox-containing genes; Apical ectodermal ridge (AER); Pattern formation; Cartilage differentiation **52**, 257

Limb development; Homeobox genes; Heart valves; Connective tissue; Diencephalon; Telencephalon **52**, 51

Lung; Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Subcommissural organ; Rhombomeres; Heart; Branchial arches **52**, 319

Maintenance of expression; *Drosophila* development; *Engrailed*; *Trithorax* **52**, 89

Maintenance of expression; *Trithorax*; Nuclear receptor DNA binding motif; Homeotic genes; Ancient conserved motif **52**, 209

MAP2; *Ovarian tumour*; Oogenesis; mRNA processing; Microtubule; Polytenisation; Cell cycle **52**, 65

Maternal factors; *Xenopus laevis*; Development; Embryogenesis; Promoter-analysis; Transgenic *Xenopus* **52**, 305

Maturation; *Drosophila*; Gene expression **52**, 179

Mesoderm induction; Bone morphogenetic protein 2; *Xenopus laevis* **52**, 357

Mesoderm; Differentiation; *Xenopus*; Mox; Induction **52**, 27

Microtubule; *Ovarian tumour*; Oogenesis; mRNA processing; Polytenisation; Cell cycle; MAP2 **52**, 65

Morphogenesis; *Drosophila*; Pupal wing; Chitinase; In vitro **52**, 247

Morphogenesis; Receptor tyrosine kinases; Hippocampus; Neural development; Subcommissural organ; Rhombomeres; Lung; Heart; Branchial arches **52**, 319

Morphogenesis; Wnt4; Wnt5A; Cyclopia; Zebrafish **52**, 153

Mouse embryogenesis; Activin type I receptors; In situ hybridization **52**, 109

Mouse embryogenesis; Transforming growth factor β ; Transforming growth factor β type II receptor; Epithelial-mesenchymal interactions; Floor plate; In situ hybridization. **52**, 275

Mox; Mesoderm; Differentiation; *Xenopus*; Induction **52**, 27

mRNA processing; *Ovarian tumour*; Oogenesis; Microtubule; Polytenisation; Cell cycle; MAP2 **52**, 65

Msx-2; *Distal-less (Dlx)*; *Dlx-5*; Homeobox-containing genes; Limb development; Apical ectodermal ridge (AER); Pattern formation; Cartilage differentiation **52**, 257

α -Myosin heavy chain; Ectopic expression; Homeobox gene; Kidney defect; Transgenic mouse; Ventricular septal defect **52**, 291

Muscle differentiation; Antisense inhibition; *Xhox1A* gene; *Hox-2.6 (4B)*; VAI expression vector **52**, 37

Nervous system development; Chick embryo; *Wnt* **52**, 9

Neural development; Homeobox; *Nkx*-genes; Inner ear **52**, 371

Neural development; Receptor tyrosine kinases; Hippocampus; Morphogenesis; Subcommissural organ; Rhombomeres; Lung; Heart; Branchial arches **52**, 319

NF- κ B; *Xenopus*; Dorsal; Axis formation **52**, 165

Nkx-genes; Homeobox; Neural development; Inner ear **52**, 371

Nuclear receptor DNA binding motif; *Trithorax*; Homeotic genes; Maintenance of expression; Ancient conserved motif **52**, 209

Nuclear receptor; ARP-1; COUP; Eye development; Hindbrain segmentation; Rostral brain; Retinoic acid **52**, 233

Oogenesis; *Ovarian tumour*; mRNA processing; Microtubule; Polytenisation; Cell cycle; MAP2 **52**, 65

Ovarian tumour; Oogenesis; mRNA processing; Microtubule; Polytenisation; Cell cycle; MAP2 **52**, 65

Pattern formation; Central nervous system development; *Engrailed*; Gene regulation; Pax; Wnt **52**, 3

Pattern formation; *Distal-less (Dlx)*; *Dlx-5*; *Msx-2*; Homeobox-containing genes; Limb development; Apical ectodermal ridge (AER); Cartilage differentiation **52**, 257

Pax; Central nervous system development; *Engrailed*, Gene regulation; Pattern formation; Wnt **52**, 3

Pbx proteins; Hox gene products; Cooperative DNA binding; E2A/Pbx1; *Engrailed* **52**, 99

Phox-2; Sympathetic neuron; Tyrosine hydroxylase; Cash-1; Development; Chick **52**, 125

Polycomb group; *Extra sex combs*; Homeotic genes; WD motif; Repressor; *Drosophila virilis* **52**, 225

Polycomb; Homeosis; *trithorax*; Gap genes; Transvection; DREV **52**, 343

Polytenisation; *Ovarian tumour*; Oogenesis; mRNA processing; Microtubule; Cell cycle; MAP2 **52**, 65

Promoter-analysis; *Xenopus laevis*; Development; Embryogenesis; Transgenic *Xenopus*; Maternal factors **52**, 305

Pupal wing; *Drosophila*; Chitinase; In vitro; Morphogenesis **52**, 247

Rat K18 and K19 partial cDNA sequences; Gonadal differentiation; Keratins; In situ hybridization; Reverse transcriptase polymerase chain reaction **52**, 199

Receptor tyrosine kinase; FGF receptor; *Drosophila*; Cell migration; Trachea **52**, 265

Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Subcommissural organ; Rhombomeres; Lung; Heart; Branchial arches **52**, 319

Repressor; *Esc*; WD motif; Homeotic **52**, 77

Repressor; *Extra sex combs*; Homeotic genes; WD motif; Polycomb group; *Drosophila virilis* **52**, 225

Retinoic acid; ARP-1; COUP; Eye development; Hindbrain segmentation; Nuclear receptor; Rostral brain **52**, 233

Reverse transcriptase polymerase chain reaction; Gonadal differentiation; Keratins; In situ hybridization; Rat K18 and K19 partial cDNA sequences **52**, 199

Rhombomeres; Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Subcommissural organ; Lung; Heart; Branchial arches **52**, 319

Rostral brain; ARP-1; COUP; Eye development; Hindbrain segmentation; Nuclear receptor; Retinoic acid **52**, 233

Segment polarity; Cubitus interruptus; Signal transduction **52**, 137

Serine/threonine protein kinase; LIM domain; Trophoblast giant cells; CNS development **52**, 187

Signal transduction; Cubitus interruptus; Segment polarity **52**, 137

Subcommissural organ; Receptor tyrosine kinases; Hippocampus; Neural development; Morphogenesis; Rhombomeres; Lung; Heart; Branchial arches **52**, 319

Sympathetic neuron; Tyrosine hydroxylase; Phox-2; Cash-1; Development; Chick **52**, 125

Telencephalon; Homeobox genes; Limb development; Heart valves; Connective tissue; Diencephalon **52**, 51

Trachea; Receptor tyrosine kinase; FGF receptor; *Drosophila*; Cell migration **52**, 265

Transforming growth factor β type II receptor; Transforming growth factor β ; Epithelial-mesenchymal interactions; Floor plate; Mouse embryogenesis; In situ hybridization. **52**, 275

Transforming growth factor β ; Transforming growth factor β type II receptor; Epithelial-mesenchymal interactions; Floor plate; Mouse embryogenesis; In situ hybridization. **52**, 275

Transgenic mouse; α -Myosin heavy chain; Ectopic expression; Homeobox gene; Kidney defect; Ventricular septal defect **52**, 291

Transgenic Xenopus; *Xenopus laevis*; Development; Embryogenesis; Promoter-analysis; Maternal factors **52**, 305

Transvection; Homeosis; *Polycomb*; *trithorax*; Gap genes; DREV **52**, 343

trithorax; Homeosis; *Polycomb*; Gap genes; Transvection; DREV **52**, 343

Trithorax; Maintenance of expression; *Drosophila* development; *Engrailed* **52**, 89

Trithorax; Nuclear receptor DNA binding motif; Homeotic genes; Maintenance of expression; Ancient conserved motif **52**, 209

Trophoblast giant cells; Serine/threonine protein kinase; LIM domain; CNS development **52**, 187

Tyrosine hydroxylase; Sympathetic neuron; Phox-2; Cash-1; Development; Chick **52**, 125

VAI expression vector; Antisense inhibition; *Xhox1A* gene; *Hox-2.6 (4B)*; Muscle differentiation **52**, 37

Ventricular septal defect; α -Myosin heavy chain; Ectopic expression; Homeobox gene; Kidney defect; Transgenic mouse **52**, 291

WD motif; *Esc*; Repressor; Homeotic **52**, 77

WD motif; *Extra sex combs*; Homeotic genes; Repressor; *Polycomb* group; *Drosophila virilis* **52**, 225

Wnt; Central nervous system development; *Engrailed*; Gene regulation; Pattern formation; *Pax* **52**, 3

Wnt; Chick embryo; Nervous system development **52**, 9

Wnt4; Wnt5A; Morphogenesis; Cyclopia; Zebrafish **52**, 153

Wnt5A; Wnt4; Morphogenesis; Cyclopia; Zebrafish **52**, 153

Xenopus laevis; Bone morphogenetic protein 2; Mesoderm induction **52**, 357

Xenopus laevis; Development; Embryogenesis; Promoter-analysis; Transgenic *Xenopus*; Maternal factors **52**, 305

Xenopus; Mesoderm; Differentiation; Mox; Induction **52**, 27

Xenopus; NF- κ B; Dorsal; Axis formation **52**, 165

Xhox1A gene; Antisense inhibition; *Hox-2.6 (4B)*; Muscle differentiation; VAI expression vector **52**, 37

Zebrafish; Gastrulation; G12 Expression; Differential RNA display **52**, 383

Zebrafish; Wnt4; Wnt5A; Morphogenesis; Cyclopia **52**, 153